

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Previously Presented) A memory media for storing data for access by an application program being executed on a data processing system, the memory media comprising

a plurality of directories at a directory level, each of said directories limited to storing files of a respective one of a plurality of file formats, so that not more than said respective one of said plurality of file formats are permitted to be stored in each of said directories, and

a further directory at said directory level, said further directory for storing files in other than said plurality of file formats.

2. (Cancelled)

3. (Previously Presented) The memory media of claim 1, wherein said directory level is immediately under a root directory.

4. (Previously Presented) The memory media recited in claim 1, wherein the memory media are memory cards.

5. (Previously Presented) The memory media recited in claim 1, wherein said further directory is further for storing files in one of said plurality of file formats.

6. (Previously Presented) A portable information terminal comprising memory media for storing data for access by an application program being executed by said terminal and detachable to and from a terminal body of the information terminal, comprising

means for forming a plurality of directories at a directory level, each of said directories limited to storing files of a respective one of a plurality of file formats, so that not more than said respective one of said plurality of file formats are permitted to be stored in each of said directories,

a further directory at said directory level, said further directory for storing files in other

than said plurality of file formats.

7. (Cancelled)

8. (Previously Presented) A portable information terminal comprising carryable memory media for storing data for access by an application program being executed by said terminal and detachable to and from a body of the terminal, wherein

said carryable memory media is provided with

a plurality of directories at a directory level, each of said directories limited to storing files of a respective one of a plurality of file formats so that not more than said respective one of said plurality of file formats are permitted to be stored in each of said directories,

a further directory at said directory level, said further directory for storing files in other than said plurality of file formats,

i) if a file to be stored conforms to said plurality of directories, said portable information terminal stores the relevant file in the carryable memory media at a data area corresponding to one of said plurality of file formats,

ii) if a file to be stored does not conform to said portable information terminal stores the file in the carryable memory media at a further data area corresponding to said further directory.

9.-11. (Cancelled)

12. (Previously Presented) The portable information terminal of claim 6, wherein an attached file attached to electronic mail received is stored in said carryable memory media at a data area corresponding to said further directory.

13. (Cancelled)

14. (Previously Presented) The portable information terminal of claim 6 comprising

an operation section for operation by a user, wherein based on operation by said user of the operation section, at least one file is stored in a data area corresponding to said plurality of directories and at least another file is stored in a further data area corresponding to said further

directory.

15. (Previously Presented) The portable information terminal of claim 6 comprising separation means for separating an e-mail with the attached file received through said communication means into the e-mail document file and the attached file, wherein

i) said e-mail document file is stored in said carryable memory media at a data area corresponding to one of said plurality of formats, and

ii) said attached file is stored in said carryable memory media at a data area corresponding to other than said plurality of formats.

16. (Previously Presented) The portable information terminal of claim 15 wherein storage of said e-mail document file and said attached file is based on operation of a user.

17. (Previously Presented) The portable information terminal of claim 6 further comprising file extraction means for extracting said files.

18. (Original) The portable information terminal of claim 17 comprising control means, wherein

said control means controls at least one process among the following processes to be performed on said extracted file for;

i) deleting the file;

ii) shifting the file to a data area of said carryable memory media, which data area corresponding to a different directory other than the original directory, and storing it in there;

iii) transmitting the file as an attached file; and

iv) exhibiting it on a display.

19. (Original) The portable information terminal of claim 17, wherein said file extraction means extracts the file that conforms to said specific file form, based on the file expansion index.

20. (Original) The portable information terminal of claim 17, wherein said file

extraction means extracts the file that conforms to said specific file form, based on the file inner structure.

21. (Original) The portable information terminal of claim 17, wherein said file extraction means extracts the file that conforms to said specific file form, through a plurality of steps of extraction.

22. (Original) The portable information terminal of claim 17 comprising input means for inputting conditions for file extraction, wherein

said file extraction means extracts, among those which conform to said specific file form, the file that satisfies said conditions for file extraction.

23. (Original) The portable information terminal of claim 22 comprising control means, wherein

said control means controls at least one process among the following processes to be performed on said extracted file, for;

- i) deleting the file;
- ii) shifting the file to a data area of said carryable memory media, which data area corresponding to a different directory other than the original directory, and storing it in there;
- iii) transmitting the file as an attached file; and
- iv) exhibiting it on a display.

24. (Original) The portable information terminal of claim 17, wherein said file extraction means extracts the file that conforms to specific file form through the following process;

- i) a primary extraction based on the file expansion index, and
- ii) an extraction once again based on the inner structure of those extracted by said primary extraction.

25. (Original) The portable information terminal of claim 17 comprising a video

processing function, said directory for storing specific format files containing a directory for storing video information form files, wherein

a video information file is extracted from both of the data areas of said carryable memory media; one data area is that which corresponds to the directory for storing video information form files and the other data area is that which corresponds to said directory for storing non-specific format files.

26. (Original) The portable information terminal of claim 17, wherein the portable information terminal extracts the Exif format image file through either one of the following processes;

i) extracting the JPG image file from data area of said carryable memory media based on the directory for storing non-specific format files, or

ii) extracting the image file from said carryable memory media based on the JPG expansion index . jpg of the directory for storing non-specific format files;

and a process of checking the inner structure of said image file extracted.

27. (Original) The portable information terminal of claim 26, wherein the portable information terminal prints the extracted Exif format file upon an operation made by a user.

28. (Previously Presented) The portable information terminal recited in claim 6 comprising communication means, wherein

the portable information terminal transmits the attached file stored in a data area corresponding to said further directory via said communication means, accompanying an e-mail.

29. (Previously Presented) The portable information terminal of claim 28 comprising file control means, wherein said file control means deletes a file which had been stored in a data area corresponding to said further directory after it is transmitted via said communication means.

30. (Original) The portable information terminal of claim 28 comprising file control means, wherein said file control means shifts a file that had been stored in a data area

corresponding to said directory for storing non-specific format files after it was transmitted via said communication means, to a data area of said carryable memory media that corresponds to a certain directory other than said original directory for storing specific format files and said original directory for storing non-specific format files.

31. (Original) The portable information terminal of claim 28 comprising instruction means, wherein said instruction means issues one of the following instructions based on operation of the operation section by a user, after a file stored in a data area corresponding to said directory for storing non-specific format files is transmitted via said communication means, regarding how the transmitted file be handled:

- i) leaving the transmitted file in said directory for storing non-specific format files;
- ii) deleting the transmitted file;
- iii) shifting the transmitted file to a data area of said carryable memory media that corresponds to a certain specific directory other than said original directory for storing specific format files and said original directory for storing non-specific format files.

32. (Previously Presented) A method for managing files in a portable information terminal comprising carryable memory media for storing data for access by an application program being executed by said terminal and detachable to and from a body of the terminal, comprising the steps of :

A) forming a plurality of directories at a directory level, each of said directories limited to storing files of a respective one of a plurality of file formats so that not more than said respective one of said plurality of file formats are permitted to be stored in each of said directories,

B) forming a further directory at said directory level, said further directory for storing files in other than said plurality of file formats and

C) storing a file in said carryable memory media at a data area corresponding to one of said plurality of directories or said further directory.

33. (Cancelled)

34. (Previously Presented) The method for managing files in the portable information terminal recited in claim 32, comprising the steps of :

- E) receiving data through communication means;
- F) forming a file based on the data received at step E); and
- G) storing the file formed at step F) in said carryable memory media at a data area corresponding to said further directory.

35. (Previously Presented) The method for managing files in the portable information terminal recited in claim 32, comprising the steps of :

- E) receiving an electronic mail through communication means; and
- H) storing an attached file attached to the electronic mail in said carryable memory media at a data area corresponding to said further directory.

36. (Previously Presented) The method for managing files in the portable information terminal recited in claim 32, comprising the steps of :

- E) receiving data through communication means;
- J) separating received data into a plurality of files;
- K) storing at least one file among said plurality of files in said carryable memory media at a data area corresponding to one of said plurality of directories; and
- L) storing the remaining file in said carryable memory media at a further data area corresponding to said further directory.

37. (Previously Presented) The method for managing files in the portable information terminal recited in claim 32, comprising the steps of:

- E) receiving data through communication means;
- J) separating received data into a plurality of files;

M) based on a first operation by a user, storing at least one file among said plurality of files in said carryable memory media at a data area corresponding to one of said plurality of directories; and

N) based on a second operation by a user, storing the remaining file in said carryable memory media at a further data area corresponding to said further directory.

38. (Previously Presented) The method for managing files in the portable information terminal recited in claim 32, comprising the steps of:

P) receiving an e-mail with the attached file through communication means;

Q) separating the received e-mail with the attached file into the document file and the attached file;

R) storing said document file in said carryable memory media at a data area corresponding to one of said plurality of directories; and

S) storing said attached file in said carryable memory media at a further data area corresponding to said further directory.

39. (Previously Presented) The method for managing files in the portable information terminal recited in claim 32, comprising the steps of:

P) receiving an e-mail with the attached file through communication means;

Q) separating the received e-mail with the attached file into the document file and the attached file;

T) based on a first operation by a user, storing said document file in said carryable memory media at a data area corresponding to one of said plurality of directories; and

U) based on a second operation by a user, storing said attached file in said carryable memory media at a further data area corresponding to said further directory.

40. (Previously Presented) The method for managing files in the portable information terminal of claim 39 comprising the step of

transmitting the attached file stored in said carryable memory media at said further data area corresponding to said further directory as an attachment to a new e-mail.

41. (Original) The method for managing files in the portable information terminal of claim 39 comprising the steps of:

V) transmitting the file stored in said carryable memory media at said further data area corresponding to said directory for storing non-specific format files; and

W) after said file is transmitted, deleting said transmitted file.

42. (Previously Presented) The method for managing files in the portable information terminal recited in claim 39 comprising the steps of:

V) transmitting the file stored in said carryable memory media at said further data area corresponding to said further directory; and

X) after said file is transmitted, shifting said transmitted file to yet a further data area.

43. (Previously Presented) The method for managing files in the portable information terminal recited in claim 39 comprising the steps of:

V) transmitting the file stored in said carryable memory media at said further data area;

Y) after transmitting said file, a user selecting either one of following steps based on operation;

Y-1) leaving said transmitted file in said carryable memory media

at said further data area;

Y-2) deleting said transmitted file; and

Y-3) shifting said transmitted file to yet a further data area.

44. (Previously Presented) The portable information terminal according to claim 6, wherein the portable information terminal is a portable telephone unit.

45. (Original) The method for managing files in the portable information terminal of claim 32, wherein the portable information terminal is a portable telephone unit.

46. (Original) The carryable memory media of claim 5, wherein the carryable memory media are memory card.

47. (Previously Presented) The portable information terminal according to claim 6, wherein the carryable memory media are memory card.

48. (Original) The method for managing files in the portable information terminal of claim 32, wherein the carryable memory media are memory card.

49. (Previously Presented) A portable information terminal including memory media for storing data for access by an application program being executed by said terminal and detachable to and from a body of the terminal, comprising:

an interface for reading data from said memory media; and

a selector for selecting between a data area and a further data area, said selector selecting: a) from said data area when said data being read corresponds to one of a plurality of directories at a directory level, each of said directories limited to a respective one of a plurality of file formats so that not more than said respective one of said plurality of file formats are permitted to be stored in each of said directories; and b) from said further data area when said data being read corresponds to a further directory for other than said plurality of file formats.

50. (Previously Presented) Memory media according to claim 1, wherein said further directory is also for storing at least one of said respective file formats.

51. (Previously Presented) Memory media according to claim 1, wherein files in said further directory are independent and without links relative to files in said plurality of directories.

52. (Previously Presented) A carryable memory media comprising:

a plurality of directories at a directory level, each of the directories limited to storing files of a respective one of a plurality of file formats, and

a further directory at the directory level, the further directory capable of storing a file having an arbitrary file format.

53. (Previously Presented) A carryable memory media comprising:

a plurality of directories at a directory level, each of the directories limited to storing first files of a respective one of a plurality of file formats, and

a further directory at the directory level, the further directory capable of storing the first files having the respective one of the plurality of file formats and a second file having a file format which is different from the file formats of the first file.

54. (Previously Presented) A method for managing files in an information apparatus including carryable memory media for storing data for access by an application being executed by said apparatus and detachable to and from the apparatus, the memory media including a directory limited to storing files of a respective one of a plurality of file formats, so that not more than said respective one of said plurality of file formats are permitted to be stored in each of said directories, the method comprising the steps:

detecting whether or not a file to be stored in the memory media is capable of being stored in the limited directory, and

forming a further directory for storing the file to be stored by a result of determining the file is not capable of being stored in the limited directory, the further directory being capable of storing a file of an arbitrary file format.

55. (Previously Presented) A method for managing files in an information apparatus including carryable memory media for storing data for access by an application being executed by said apparatus and detachable to and from the apparatus, the memory media including a directory limited to storing files of a respective one of a plurality of file formats, so that not more than said respective one of said plurality of file formats are permitted to be stored in each of said directories, the method comprising the steps:

detecting whether or not a file to be stored in the memory media is capable of being stored in the limited directory, and

forming a further directory for storing the file to be stored by a result of determining the

file is not capable of being stored in the limited directory, the further directory being capable of storing the files of the respective one of the plurality of file formats.

56. (Previously Presented) A method for reading information in a file on a carryable memory media for storing data for access by an application program being executed on a data processing system, the memory media includes: a plurality of directories at a directory level, each of the directories limited to storing files of a respective one of a plurality of file formats, so that not more than said respective one of said plurality of file formats are permitted to be stored in each of said directories, and a further directory at the directory level, the further directory capable of storing a file having an arbitrary file format, the method comprising the steps of:

a first step of accessing a directory in which a file format corresponds to a file format of the file, and

a second step of accessing the further directory.

57. (Previously Presented) A method for reading information in a file on a carryable memory media for storing data for access by an application program being executed on a data processing system, the memory media includes, a plurality of directories at a directory level, each of the directories limited to storing first files of a respective one of a plurality of file formats, so that not more than said respective one of said plurality of file formats are permitted to be stored in each of said directories, and a further directory at the directory level, the further directory capable of storing the first files having the respective one of the plurality of file formats and a second file having a file format which is different from the file formats of the first file, the method comprising the steps of:

a first step of accessing a directory of which a file format corresponds to a file format of the file, and

a second step of accessing the further directory.

58. (Previously Presented) The memory media of claim 52, wherein said directory level is immediately under a root directory.

59.-82. (Cancelled)